

Name: \_\_\_\_\_

**p1105: Factoring when  $a = \text{prime}$  (v42)**

1. Factor the expression  $2x^2 + 23x + 45$

2. Factor the expression  $3x^2 + 34x + 63$

3. Factor the expression  $7x^2 - 37x + 36$

4. Factor the expression  $3x^2 + 5x - 8$

5. Factor the expression  $7x^2 - 46x + 24$

6. Factor the expression  $3x^2 - 17x + 24$

7. Factor the expression  $11x^2 + 49x - 30$

8. Factor the expression  $11x^2 + 37x + 12$

9. Factor the expression  $11x^2 + 90x + 16$

10. Factor the expression  $11x^2 - 68x - 63$